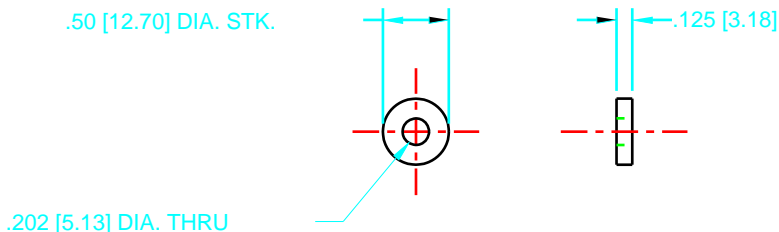



1. THIS IS A ULTRA-HIGH VACUUM COMPONENT (UHV).
2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
 - A) CIMCOOL 5 STAR 49
 - B) TRIM SOL
3. THIS IS A UHV PART. THE PART MUST GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOWDOWN.
4. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. ALL DIMENSIONS IN [] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.



					ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION					MATERIAL / SPEC		QTY	
					PARTS LIST										
					UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER		THIS DRAWING IS THE PROPERTY OF						
					TOLERANCES		A2455200		 ARGONNE NATIONAL LABORATORY						
					DECIMALS										
					ANGULAR										
					.X - .03										
					.XX - .01										
					.XXX - .005										
					SURFACE ROUGHNESS		63 ✓								
					REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.										
					SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1										
					DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5										
							DRAWN BY		DATE	CHIEF DESIGN ENGINEER		DATE	TITLE		
							R. KRAKORA		5/6/96	D.SHU		6/24/96	ADVANCED PHOTON SOURCE		
							CHECKED BY		DATE	GP LEADER		DATE	Y3-30 MIRROR MOUNT		
							J.CHANG		6/18/96	T.M.KUZAY		6/26/96	ASSEMBLY FOR SRICAT		
							DESIGNER		DATE	PROJECT MGR		DATE	2-BM-A 1200mm MIRROR		
							KRAKORA/CHANG		5/6/96				TIE ROD SPACER		
							RESPONSIBLE ENGINEER		DATE	APPROVED/RELEASED		DATE			
							J.CHANG		6/18/96						
							MATERIAL				SCALE	1:1	SIZE	DRAWING NUMBER	
							STAINLESS STEEL 304				SHEET	1 of 1	B	P4105091203-340005-00	
SYM					CHANGE DESCRIPTION					BY	CHKD	DATE			
					REVISIONS										
					DO NOT SCALE DRAWING										